EXAMINER'S AMENDEMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with Mr. Thomas A. Mattioli (Reg. No. 56773) on 08 October 2008.

3. The claims had been amended as follows:

 1. (Currently Amended) A wireless communication device comprising:

        a system processor further comprising;

        an operating system abstraction layer further comprising:

        an operating environment, the operating environment operating independent of

underlying operating systems or hardware structure, and wherein the operating

environment hides underlying operating systems from its client applications;

        an Operating System Adaptive Port Interface (OS API) configured to map

operating environment entities to the underlying operating system (OS) wherein client

software components access the operating environment via the OS API using a global

header file;

a plurality of operating system (OS) independent modules configured to perform operations that are not related to a target operating system said operating system independent modules either providing all functionality without the OS, or utilizing OS dependent constructs via the OS API ; and

a plurality of operating system dependent modules configured to perform operations that are related to the target operating system wherein a separate implementation appears for each target operating system;

wherein the abstraction layer utilizes a naming convention to specify which modules are OS dependent and which are OS independent; and wherein the abstraction layer comprises a plurality of OS constructs, the plurality of OS constructs further comprising:

a Thread, said thread including an independent path of execution;

a Process, said process including an independent path of execution with its own protected address space;

a Thread Group, said Thread Group including a grouping of threads, managed collectively to synchronize their execution;

a Mutex, said Mutex including a Thread synchronization element providing mutual exclusion to shared resources; and

an Event, said Event including a Thread synchronization element, allowing threads to coordinate execution.

2-7. (Canceled).

8. (Currently Amended) The wireless communications device of claim 1 7 wherein the abstraction layer further comprises:

a plurality of internal components that are accessed via an OS independent internal interface not published in the OS API, said internal components providing common services for other OS constructs; and

a plurality of standard OS components that are accessed via the OS API.

9. (Previously Presented) The wireless communication device of claim 8 wherein the abstraction layer further comprises a plurality of OS modules, the plurality of OS modules comprising:

a Mutex module, said Mutex module configured to implement a Mutex;

an Event module, said Event module configured to implement an Event;

a Thread module, said Thread module configured to implement a Thread;

a Message module, said Message module configured to implement basic Message allocation and deallocation services;

a Generic List module, said Generic List module implementing a generic link list, including a list iterator;

a Message Queue module, said Message Queue module configured to implement a Message Queue and provide interprocess communications (IPC) capabilities;

a Memory Management Module, said Memory Management Module configured to provide all memory management capabilities.

Allowable Subject Matter

4. Claims 1, 8 and 9.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ex. Abdou Seye whose telephone number is (571) 270-1062. The examiner can normally be reached Monday through Friday from 7:30 a.m. to 4:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, contact the examiner's supervisor, An Meng at (571) 272-3756. The fax phone number for formal or official faxes to Technology Center 3600 is (571) 273-8300. Draft or informal faxes, which will not be entered in the application, may be submitted directly to the examiner at (571) 273-6722.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the Group Receptionist whose telephone

number is (571) 272-3600.

/Meng-Ai An/   /Abdou Karim Seye/
Supervisory Patent Examiner, Art Unit 2195   Examiner, Art Unit 2194